

NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

Friday, October 11, 2002

Vol. 26, No. 41



PHOTO COURTESY OF PAT CLELLAND

Lab Executive Officer Ron Cochran accepts the Council of Energy Resource Tribes' American Indian Spirit Award from Chairman Alvin Windy Boy of the Chippewa Cree Tribe.

American Indian Program honored

By Elizabeth Campos Rajs

NEWSLINE STAFF WRITER

Lab Executive Officer Ron Cochran and the Laboratory received this year's American Indian Spirit Award from the Council of Energy Resource Tribes for "continued dedication and commitment to Native American education and leadership."

The award was presented by Chairman Alvin Windy Boy of the Chippewa Cree Tribe

at this year's American Indian Spirit Award ceremony, held Oct. 2, in Denver. Created by member tribes, CERT is an organization which promotes tribal energy efforts and increased education opportunities for American Indian youth.

"This award is a very special honor and I accepted it on behalf of the Laboratory, UC and DOE. The Laboratory's American Indian

See CERT, page 8

Anastasio announces series of reviews to ensure the vitality of Lab's workforce

As part of a commitment to ensure the vitality of the workforce, Director Michael Anastasio is kicking off a series of Workforce Reviews. The reviews will begin in mid-October and cover all directorates.

"I am establishing these reviews as a tool to engage us in a structured discussion to meet these workforce goals, and to provide an additional venue for ensuring our accountability as leaders," Anastasio said.

"Our goals include assuring the Laboratory has the personnel to meet current and evolving programmatic commitments, that we are thoughtful and strategic in how we recruit and retain the best talent available, that we develop the next generation(s) of leaders at all levels, that we manage our employees to enable them to fulfill their potential, and that we achieve our objectives with regard to workforce diversity."

Anastasio also is using the reviews as a way to look at how various organizations are conducting employee development, ombuds programs, retention, recruitment, diversity and more. Information gathered for the reviews will serve as a benchmark for future reviews to come.

In announcing the reviews to senior management last week, Anastasio said his objective is to make the process a component of the Lab's annual workforce planning, "such that it will facilitate the development of strategies, influence institutional initiatives, and inform decisions we make in this regard."

Each review will be comprised of a three-hour directorate presentation and discussion that will be open to all Senior Management Council members, and a one-hour executive session for the associate director. Each session

See WORKFORCE, page 8

Former Energy secretaries pay tribute to DOE during 25th anniversary ceremony

Secretary of Energy Spencer Abraham and four former secretaries celebrated the 25th anniversary of the Department of Energy Tuesday at a ceremony at the agency's Washington, D.C. headquarters. The event honored the department's employees, particularly the nearly 2,000 employees who have been with DOE since its inception in 1977, and the accomplishments of DOE's 25 years of service.

See DOE, page 7

Physicist earns award for outreach to Africa

By Anne M. Stark

NEWSLINE STAFF WRITER

Lab physicist Kennedy Reed has been named the 2003 recipient of the American Physical Society's John Wheatley Award.

The John Wheatley Award is given to a physicist who, working in a developing country, has made an outstanding contribution to the development of physics in that region by working with local physicists in physics research or teach-



Kennedy Reed

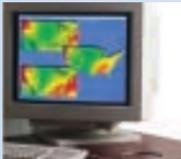
ing. The award is given every two years, and includes \$2,000 and a certificate citing the recipient's contributions.

Reed is cited for "multifaceted contributions to the promotion of physics research and education in Africa, for developing agreements for exchange of faculty and students between USA and African institutions, for organizing and conducting international work-

See AWARD, page 8



**In pursuit of justice:
The war on terror**
— Page 2



**1992: Building better
climate models**
— Page 3



**A symposium
for teachers**
— Page 5



LAB COMMUNITY NEWS

Weekly Calendar

Saturday
12

Del Valle Fine Arts will celebrate its 25th anniversary at its first concert of the season, which will feature the Amadeus Trio at 8 p.m. at the First Presbyterian Church. The free anniversary celebration will be held from 6 to 7:30 p.m. Tickets for the performance are \$12 general admission, \$9 seniors/college students and free for children through high school, and are available at several locations in Livermore and Pleasanton. A complete listing is online at www.delvallefinearts.org.

Tuesday
15

A representative from **Fidelity Investments** will be onsite to meet with employees Tuesday and Wednesday. Fidelity Investments are available to UC's 403(b) participants in addition to the UC-managed investment funds. To make an appointment, call Fidelity at 1-800-642-7131. When calling, be sure to specify you are an LLNL employee.

Friday
18

All applications for the **Women's Association Scholarship Program** are due. The program provides financial support to LLNL employees in their pursuit of educational training as a means of career and personal advancement. For complete information on the application process, including selection criteria, go to the Website at: <http://www-r.llnl.gov/lllwa/scholarship.html> or call Joni Schuldt at 2-4168.

Up
Coming

The **Compensation Division** will host an employee informational meeting at 11 a.m. Monday, Oct. 21, and again at 1 p.m. Thursday, Oct. 24, in the Bldg. 543 auditorium. The presentation, "Developing Our Salary Program: An Overview," will cover such topics as the Laboratory salary policy and components of the Compensation Increase Plan that is submitted annually to DOE and UC. All employees are invited. (Please note: This is the same information presented at the salary administrators meeting in August or any of the other "Compensation Brown Bags.")

In honor of **Disabilities Awareness Week**, the diversity and Work Life Programs Office has invited clinical psychologist Alette Coble-Temple to speak at the Lab on Tuesday, Oct. 22, at noon in the Bldg. 543 auditorium. She will share her experiences as a professional psychologist with a disability through her education, certification and work life stories.

Two actors from the **Ashland Oregon Shakespeare Festival** will present evening performances at the Unitarian Universalist Church in Livermore, 1893 North Vasco Road, on Nov. 8 and 9 at 8 p.m. They will perform selections from Shakespeare, as well as works from classic and contemporary literature. Tickets are \$18 (\$15 for students) if purchased in advance and are available at Goodenough Books in Livermore and the Unitarian Universalist Church. Contact: Judith and Monty Herr, 443-4514.

Myth and truth about heart attacks presented

Why are more women over 50 dying of heart disease than breast cancer? Are heart attacks really sudden? Are you a heart attack waiting to happen?

The answers to these questions and more will be provided at a special panel presentation on heart disease, "Heart Attacks: the Myths and the Truth," at noon Wednesday in the Bldg. 123 auditorium.

Dr. William Pereira of Health Services will begin the presentation with a 30-minute overview on heart disease. The panel will then be available to answer questions from the audience.

Joining Pereira on the panel are Dr. Ronit Ben-Abraham-Katz, nurse practitioner Sandra Ja'chim, clinical exercise physiologist Phil Arzino and heart disease survivors Cecil Jordan and Jan Bateaux. The discussion will be moderated by Gene Dent of Health Services.

Panel members will also be available after the presentation for one-on-one questions.

"Unfortunately, heart disease is one of the leading causes of death for men and women over 50 in the

United States, but there are a lot of things people can do to lessen their chances of suffering a heart attack," said Ben-Abraham-Katz. "We felt it was extremely important to offer this presentation for Lab employees to help clear up some of the widely held misconceptions.

"Prevention is a key factor in reducing cardiovascular disease. We take our cars in for a regular oil change to prevent engine problems, yet too many of us wait for chest pains before seeing a doctor," she added.

All Lab employees and contract workers are invited to attend the presentation and bring their family members. Badges are required for Bldg. 123 and should be arranged through your directorate office. A family guest report form (LL-5219) is required.

Family members must be U.S. citizens and have a valid driver's license or DMV ID card (non-drivers) to receive their badges. No reservations are taken; attendance is on first-come, first-served basis. For more information, contact Marnette Yeager, 2-1217.

Flu shot clinics get underway next week

Flu shots arrived earlier than anticipated this year at the Health Services Department so flu clinics will begin Thursday.

This year, the 2,500 doses of vaccine will be given to Lab onsite workers at no cost. High-risk employees will be offered the vaccine first. After that, the vaccine will be offered to all other Lab employees at "cafeteria clinics" until the supply is exhausted.

High-risk categories include people who are

65 and older; individuals with chronic medical conditions, such as cardiovascular or pulmonary disease, diabetes, asthma, renal disease and immunodeficiencies; pregnant women in their second or third trimester. Also included are Lab employees over 50 years of age in a foreign travel program. If you consider yourself within any high-risk category you will be given a vaccine.

The following dates and sites have been established for the flu clinics:

High-Risk Clinics	Health Services, Bldg. 663	Oct. 17	9 a.m. – 3 p.m.
		Oct. 18	noon – 3 p.m.
Cafeteria Clinics			
	West Cafeteria	Oct. 23	10 a.m. – 2 p.m.
	South Cafeteria	Oct. 29	10 a.m. – 2 p.m.
	Central Cafeteria	Oct. 30	10 a.m. – 2 p.m.



Community
Lecture
Series

Lawrence Livermore National Laboratory
presents...

**Spotlight on
Science**

**In Pursuit of Justice:
The War on Terror**

By Terry Turchie, Lawrence Livermore National Laboratory's
SAFE Program Manager, Counterintelligence/Counterterrorism Program

Thursday, Oct. 24, 2002, 7 p.m.
Amador High School Playhouse
1555 Santa Rita Rd., Pleasanton

This presentation will highlight the manhunt for domestic and international terrorists, go inside the mind of terrorists, and discuss aspects of several major terrorist investigations, including:

- The search for the UNABOMER, as head of the "Unabom Task Force"
- The Centennial Olympic Park bombing of 1996, as the "Inspector in Charge" of the hunt for Top Ten Fugitive Eric Robert Rudolph
- The attack on the USS Cole in October 2000
- The terrorist attacks on the World Trade Center towers and the Pentagon on September 11, 2001.

Free admission. Talks are suitable for anyone interested in science.
Contact: Charity Smith, 925-424-6575, smith259@llnl.gov

Lawrence Livermore National Laboratory
50 years
of science excellence

IN MEMORIAM

Donald Cassell

Donald B. Cassell, a retired weapons physicist, died on Sept. 2 at the age of 73.

Cassell was a Livermore resident for 43 years. Born and raised in Connecticut, he attended UC Berkeley, where he received his degree in physics. He also served in the U.S. Army during the Korean War.

Cassell came to the Lab in 1957, where he worked in A and Z divisions before retiring in 1991.

Cassell was an avid reader and flying club member. Survivors include his wife, Carole; seven children two step-children, three grandchildren and four step-grandchildren.

Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

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Web site: <http://www.llnl.gov/PAO/>

1952 – 2002 MAKING HISTORY, MAKING A DIFFERENCE



This is an ongoing feature highlighting the Lab's 50-year history. This week we take a look at the years 1991 and 1992.

Inspecting for weapons of mass destruction

At the end of Operation Desert Storm, the world was full of rumors about Iraq's nuclear capabilities and how much of them remained following an intense bombing campaign. In May 1991, a specially selected team that included Laboratory engineer Bill Nelson was assembled for the first inspection of Iraqi nuclear facilities under the auspices of the United Nations Special Commission and the International Atomic Energy Agency.

The inspections uncovered evidence of an advanced nuclear program, code-named Petro-Chemical Project 3, including a uranium enrichment production facility that the Iraqis attempted to hide. Perhaps the defining moment came in September 1991, when Team 6, including Laboratory physicist Cal Wood, discovered a large cache of documents. For five days, there was a standoff between the team and hundreds of heavily armed Iraqi soldiers. The group refused to leave without the papers they considered to be the smoking gun.

In all, over a dozen Laboratory researchers took part in various inspections until the UN removed all personnel in 1998 because of an increasingly hostile atmosphere.



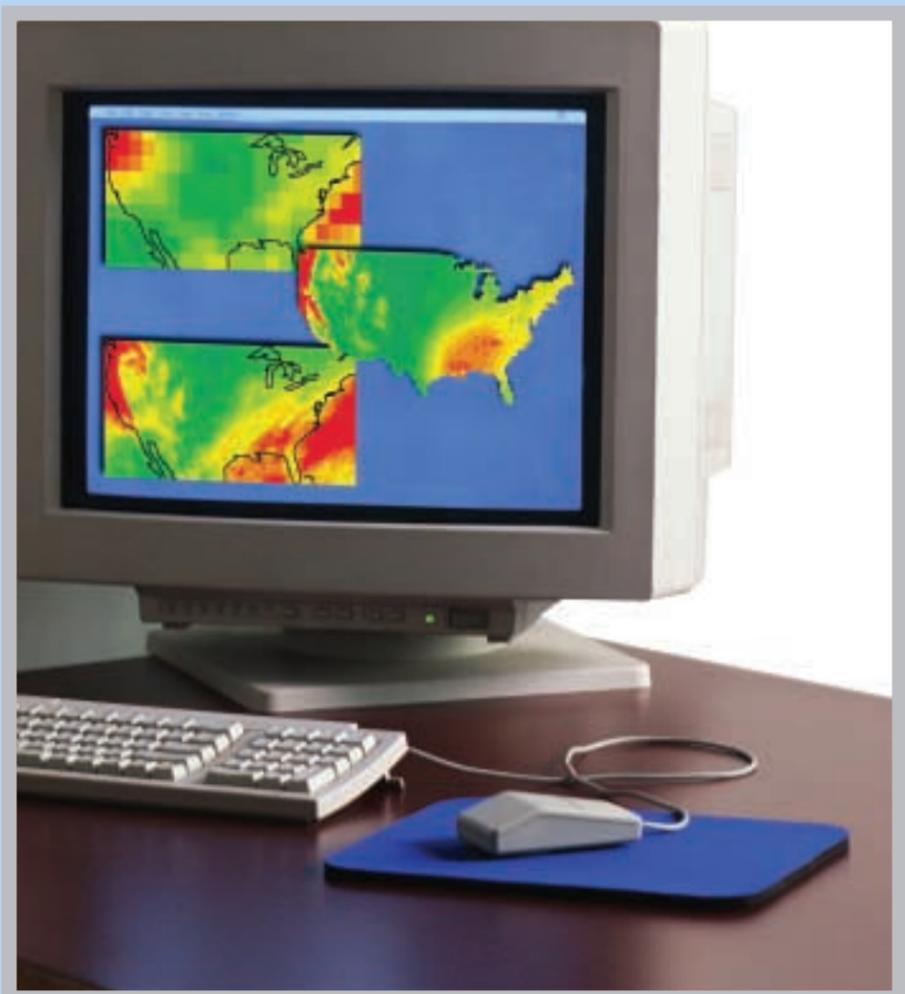
Laboratory engineer Bill Nelson inspects the bombed-out reactor and nuclear research facilities at Tuwaitha (just outside of Baghdad) during the first inspection after Desert Storm.

Better global climate models and analysis

In 1992, Livermore's Program for Climate Model Diagnosis and Intercomparison (PCMDI) issued the first of a continuing series of reports that would radically alter global climate change research and the way models characterize climate. PCMDI's mission is not to make new models but rather to set a standard by which all climate models adhere, so as to lend validity to the models themselves. The need for standards in both modeling and analysis has become increasingly apparent as more complex models are developed.

PCMDI has become an internationally recognized institution for climate model analysis, and its work goes beyond the nation's borders. For example, the group is coordinating the Atmospheric Model Intercomparison Project (AMIP) on behalf of the Working Group on Numerical Experimentation of the World Climate Research Program. In this project, some 30 international modeling groups are simulating the climate of the decade 1979–1988, and PCMDI is evaluating the results.

Atmospheric scientists at PCMDI have also been key participants in international efforts examining the evidence for climate change due to human activities. Ben Santer, who received the prestigious MacArthur Foundation "genius award" in 1998, served as lead author for Chapter 8 ("Detection of Climate Change, and Attribution of Causes") of the 1995 Second Assessment Report of the Intergovernmental Panel on Climate Change.



Taking advantage of terascale computer resources at Livermore, researchers successfully performed global climate simulations at a much finer resolution (50 kilometers) than ever attempted before.



NEWS YOU CAN USE

Technical Meeting Calendar

**Friday
11**

PHYSICS & ADVANCED TECHNOLOGIES

"Dust and Gas in Galaxies at $z > 2.5$," by Andrew Baker, Max Planck Institute for Extraterrestrial Physics. Noon, Bldg. 319, room 205. Michael Gregg, 3-8946, or Sandra Maldonado, 3-0621.

**Tuesday
12**

PHYSICS & ADVANCED TECHNOLOGIES

"Development and Applications of X-ray Lasers," by Roisin Keenan. 10:30 a.m., Trailer 1726, room 1000 (uncleared area). Contact: Kevin Fournier, 3-6129, or Eryn Davis, 2-0475.

**Monday
14**

MECHANICAL ENGINEERING

"Optics Research at the University of Alabama in Huntsville," by John Dimmock, Center for Applied Optics. 10 a.m., Bldg. 481 auditorium (uncleared area). Contact: Janice Lawson, 3-2075.

MATERIALS SCIENCE & TECHNOLOGY

"Electron Microscopy of Nuclear Materials," by Jeffrey A. Fortner, Argonne National Laboratory. 10 a.m., Bldg. 235, room 1090 (uncleared area). Contact: Bart Ebbinghaus, 2-8792, or Sherry Lyons, 3-9890.

**Wednesday
16**

MATERIALS RESEARCH INSTITUTE SEMINAR

"Elastic Property Maps of Austenitic Stainless Steels," Borje Johansson, Uppsala University, Sweden. 3:30 p.m., Bldg. 219, room 163 (uncleared area). Contacts: Andy McMahan, 2-7198, or Joanna Allen, 2-0620.

**Thursday
17**

CHEMISTRY & MATERIALS SCIENCE

"The Radiobiology of Nuclear Terrorism," by John E. Moulder. 10 a.m., Bldg. 151, conference

Room 1209. Contacts: Christine Hartmann-Siantar, 2-4619, or Bonnie McGurn, 3-2764.

H DIVISION

"Atomic Force Microscope Lithography on Organic Resists," by Haiwon Lee, Hanyang University, South Korea. 10:30 a.m., Bldg. 319, room 205 (uncleared area). Contacts: Choong-Shik Yoo, 2-5848, or Donna Vercelli, 2-0976.

ELECTRONICS ENGINEERING

LabVIEW User Group Meeting. "Future of LabVIEW and Operating Systems," by Rob Dye, and Zachary Nelson, both of National Instruments. 11 a.m., Bldg. 543 auditorium (uncleared area). Contact: Tom Clark, 2-0285.

**Friday
18**

INTEGRATED COMPUTING & COMMUNICATIONS

"Performance of the ALE3D Code on IBM Systems," by Ping Wang, Lawrence Berkeley National Laboratory. 9 a.m., Bldg. 451, room 1025 (uncleared area). Contact: Terry Jones, 3-9834.

PHYSICS & ADVANCED TECHNOLOGIES

"The Three-Dimensional Atom Probe: Materials Characterization on the Atomic Scale," by George Smith, Oxford University. 1:30 p.m., Bldg. 235, room 1090 (uncleared area). Contacts: Robert Rudd, 2-4292, or Donna Vercelli, 2-0976.

PHYSICS & ADVANCED TECHNOLOGIES

"Practical Experiences with the St. Louis NanoSIMS," by Frank J. Stadermann, Washington University. Noon, Bldg. 319, room 205. Michael Gregg, 3-8946, or Sandra Maldonado, 3-0621.

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

"Numerical Study of Burn Propagation in Inhomogeneous Mixtures," by David Lopez and Sutanu Sarkar, UC San Diego. 2 p.m., Bldg. 451, room 1025 (uncleared area). Contacts: Andrew Cook, 3-2856, or Leslie Bills, 3-8927.

ENERGY & ENVIRONMENT

"Ventilation Effectiveness in the Yucca Mountain Program (YMP) Repository," by Veraun Chipman and Jim Blink, Yucca Mountain Project. 10:30 a.m., Bldg. 543 auditorium (uncleared area). Contact: Camille Vandermeer, 3-2672.

**Monday
21**

MATERIALS SCIENCE & TECHNOLOGY

"Hot-Wire Chemical Vapor Deposition for Thin-Film Photovoltaic Applications," by Maribeth Mason, California Institute of Technology. 2 p.m., Bldg. 235, Gold Room (uncleared area). Contact: Roberta M. Marino, 3-7865.

MATERIALS RESEARCH INSTITUTE SEMINAR

"Phase Transitions and Hugoniot Equations of State of Some Selected Compounds," by Tsutomu Mashimo, Kumamoto University. 1:30 p.m., Bldg. 219, room 163 (uncleared area). Contacts: Bill Nellis, 2-7200, or Joanna Allen, 2-0620.

**Friday
25**

MATERIALS SCIENCE & TECHNOLOGY

"Selective Ligation Methods for the Ordered Attachment of Proteins to Surfaces," by Julio A. Camarero, Biosecurity Support Laboratory. 3:30 p.m., Bldg. 235, Gold Room. Coffee and cookies will be served at 3:20 p.m. Contact: Rebecca Browning, 2-5500.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to tmc-submit@llnl.gov. For information on electronic mail or the news-group llnl.meeting, contact the registrar at registrar@llnl.gov.

INTERNAL TRANSFER OPPORTUNITIES

Tag	Requisition	Classification	Title	Organization
NA	4531	105.4	Principal administrator	NAI
EZ	4767	150.2	Senior resource analyst	Energy & Environment
CH	4861	200	Scientist	Chemistry & Materials Science
CH	4871	200	Deputy division leader	Chemistry & Materials Science
DO	4893	200	Program director for DOD	Directors Office
EP	4745	230	Program manager	Environmental Protection Department
ME	4816	249	Mechanical engineer	Mechanical Engineering
ME	4872	249	Engineering	Mechanical Engineering
ME	4873	249	Process engineer	Mechanical Engineering
CO	4847	285	Computer scientist	Integrated Computing & Communications
CO	4851	285	Computer scientist	CAR/NIF
CO	4862	285	Group leader	Integrated Computing and Communications
CO	4869	285	Group leader	Integrated Computing and Communications
ME	4825	337.1	Engineering technical associate	Mechanical Engineering
ME	4880	339.2	Senior engineering associate	Mechanical Engineering
EE	4798	393.1/2	OISSO	Electronics Engineering
CO	4868	393.2	Group leader	Integrated Computing and Communications
DO	4747	405.3	Administrative specialist III	Director's Office
NF	4907	405.3/4	Administrative specialist	NIF
NA	4632	405.4	Administrative specialist IV	NAI
TB	4481	423.3	Technical publications practitioner	TID
AI	4347	525.2/3	Computer support technologist	AIS
EE	4905	532.1	Fabrication technician	Electronics Engineering
EE	4906	532.2	Assembly technician	Electronics Engineering
EE	4876	532.3	Technologist	Mechanical Engineering
UT	4849	538.2	Technical coordinator	UTel

Did you know?

It is illegal to operate a cellular phone in Q-cleared areas.

More information on these job postings as well as those at other LLNL sites and outside organizations is available through the World Wide Web. Go to the Lab's internal home page, click on [Employment Resources](#), and click on "Jobs."

NEWS OF NOTE



Symposium gives teachers hands-on Lab experience

By Elizabeth Campos Rajs

NEWSLINE STAFF WRITER

More than 120 middle school, high school and community college science teachers came to the Lab recently for a two-day science and technology symposium.

This is the third year the symposium has been offered and about one-third of this year's participants have attended the conference in the past, said Richard Farnsworth of the Science & Technology Education Program.

The goal of the symposium, which is offered through a collaborative partnership between the Laboratory, the Edward Teller Education Center and UC Davis, is to provide science educators an opportunity to explore ongoing research and state-of-the-art laboratories in physics, chemistry, biology, environmental science and nuclear chemistry.

"Professional development offerings for teachers provide high leverage for improving

education in the state," said University Relations Program director Laura Gilliom.

On Friday, Sept. 27, the teachers toured a number of laboratories in the Biology & Biotechnology Research Program, Physics and Advanced Technologies, Chemistry and Materials Science and Environmental Protection Department.

The teachers had an opportunity to talk informally with Lab scientists at a dinner that evening at a local restaurant. The keynote speaker was former AD Jay Davis, who regaled the audience with stories from his days as a UN weapons inspector in Iraq.



FRANK NUNEZ/TID

Health physicist Brooke Buddemeier of Hazards Control makes a presentation to teachers attending the two-day symposium.

On Saturday, the teachers attended hands-on workshops in biology, chemistry, radiation science, physics/optics, and environmental science. The radiation science was a new workshop added to the curriculum this year and was a collaborative effort between the Seaborg Institute and the American Nuclear Institute, Farnsworth noted.

"The symposium provides teachers with access to real and current science. It helps them keep their classrooms up

to date and interesting for their students," Farnsworth said.

As part of the conference, the participants were provided with materials to take back to their classrooms.

"One hundred percent of the teachers who responded to a post-symposium survey said they felt it was very worthwhile," Farnsworth said. "A very large percentage of the teachers said they would use the materials in their first week back in the classroom, that's what we're hoping for — to build a bridge between the Laboratory and science classrooms throughout California."

Funding for the Edward Teller Science & Technology Symposium is provided by the Laboratory. This education activity is offered by the LLNL Science and Technology Education Program in collaboration with ETEC and the Sigma Xi Research Society. The California Science Teachers Association has endorsed this symposium as a beneficial education activity.



FRANK NUNEZ/TID

Bioscientist Joanna Albala discusses research conducted in one of the laboratories in the Biology and Biotechnology Research Program.

Events to mark Hispanic Heritage Month

In honor of Hispanic Heritage Month, Associate Director Tomas Diaz De La Rubia will discuss "Growing up in Spain and The Road to Becoming Associate Director of Chemistry & Materials Science," at noon Tuesday in the Bldg. 543 auditorium.

His talk is one of the events planned during October by Amigos Unidos Networking Group and the Diversity Work/Life Programs office in honor of Hispanic Heritage Month.

On Friday, there will be a cultural presentation by folkloric dance group Los Olmecas in the pool picnic area. Amigos Unidos will be selling carnitas or vegetarian tacos for \$5. All proceeds will benefit the Amigos Unidos scholarship program. The Laboratory Armed Forces Veterans Association will be selling drinks for \$1.

The final event will be a talk on "Race, Ethnicity and the Future of California," by Stanford associate professor Luis Fraga on

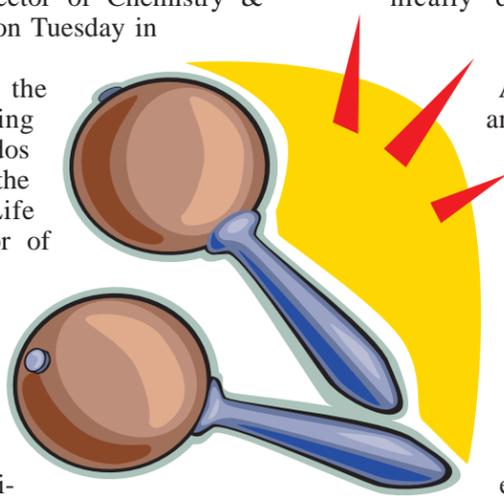
Thursday, Oct. 24, at noon in the Bldg. 123 auditorium.

California is now the most racially and ethnically diverse state in the nation. Latinos comprise an estimated 32 percent of the population, African Americans 6 percent, and Asian Americans 11 percent.

Fraga will address the unique challenges all Californians face in light of these current and future trends in ethnic-racial population distribution as well as how public policy decision-makers should respond to these shifts in the future.

Fraga has published widely in scholarly journals and edited volumes. He is co-editor of "Ethnic and Racial Minorities in Advanced Industrial Democracies" and he co-authored "The Politics of Education in Multiethnic Cities."

For more information about Hispanic Heritage Month, contact Michelle Cardenas at 3-2796.



As a Lab employee. . .

you are responsible for knowing the protective action terminology that may be used in an emergency.

Familiarize yourself with these concepts:

Shelter

The Shelter-in-Place announcement means:

Shelter: Stay inside your building or go inside the nearest building.

Shut: Close doors and windows.

Listen: Listen for further instructions over the emergency paging system or Lab Emergency Radio 1610 AM. Avoid using the telephone unless you have a life-threatening emergency.

Evacuation

The Evacuation announcement means:

Secure classified material in a safe and expedient manner.

Exit the building per your building evacuation plan unless directed otherwise by the emergency announcement.

Report to the designated Assembly Point and wait for further instructions.

Call Emergency Preparedness 4-LLNL



CLASSIFIED ADS

See complete classified ad listings at
<https://www.ais.llnl.gov/newsline/ads/>

AUTOMOBILES

2001 - Kia Optima SEV6, A/C, P/W, P/B, CC, PDL, Sec.Sys. Auto trans. w/sportshifter, CD, woodgrain/beige int./pearl ext. Take over payments. 209-835-2298

1990 - Ford Tempo, white. Good condition, runs great. 96K miles, \$1300 925-447-8777

2000 - Olds Alero. Silver 4 door. 4-cyl. pw, ac, cc, stero plus 10 cd changer. Exc. cond. 42K miles. Dealer maintained. All records. \$9,100.00 OBO. 209-239-3293

1994 - Beretta, 2 dr auto v-6 tinted windows 140k good condition excellent gas mileage \$3000 obo 209-835-7357

1988 - Blue Pontiac Firebird, V8-305 engine, 130,000 miles, 5 speed, T-Top, new brakes, new clutch, new steering column, asking \$3200.00 or B.O. 925-679-2284

1994 - Mazda Miata R-package Red 59K miles Great condition \$5500.00 209-825-0453

2001 - Kia Sportage Ex, 4x4. power everything. Runs good, new tires. Going through divorce, cant afford. Take over payments. 925-456-3099

2001 - Saturn SC2 3-door. White ext./gray int. Excellent condition, 33K mi., all the extras, ppd maint. \$12,500. 925-485-1988

1996 - Ford Escort LX, 2D hatchback, Automatic Transmission, A/C, CD, Alloy wheels, low miles, \$3,300. 209-835-6478

1991 - TOYOTA COROLLA LE SEDAN \$1,900. 4D, AC, Pwr Steering/windows/locks, cruise control, new timing belt/brake system, 192,000 freeway miles, runs great! 925-455-0515

2000 - Honda Accord SE, 24K mi, AT, AC, 4 cyl, \$15,000 925-449-0463

1994 - Honda Prelude SI, 5-speed, AT, AC, PW, PD, PB, moonroof, spoiler, midnight blue, 124k mi. \$7,000 925-449-9437

1976 - Porsche 912E blk/tan ~40k on rebuilt engine, ac, sunroof, MSD, Bursch, runs good, just smogged \$6500 obo 925-373-0483

1988 - Porsche Carrera Targa, 36.6K miles, silver/gray, impeccable condition. \$28,500. 925-648-0671

2000 - Honda Accord EXL, 2d, white, Fully loaded, tinted windows, sunroof, cd/am/fm stereo, A/C, PW, PL, CC, PS; alarm, excellent cond 45K miles \$17,500. 510-329-7096

1988 - Dodge Grand Caravan 135K miles. 18K on remanufactured heads. Runs strong. 21-24 mpg. Always garaged.

Some minor mechanical needed. \$1900. 925-606-7389

1993 - Nissan Sentra 102,000 miles, 5 speed, AC, CD Player, Pwr Steering, Cruise, Runs great. \$2,500 or best offer 209-613-7278

1987 - Toyota Celica GT-S 2Dr Hatchback, sporty 5sp manual, low 116k miles, black, sunroof, leather, ac/ps/pb/pl/pw/cas/etc, reliable, fun, nice! \$3000 925-449-3165

1996 - Ford Mustang. V-6, 5 speed, AC/CC/PW/CD/Cassett, Sunroof, Spoiler. One owner, good condition. \$5,500- Must Sell. 925-373-4888

1985 - Toyota Corolla 4-dr, 5 speed, original owner, well maintained, records, manuals, about 40K on new rebuilt engine. Good shape inside and out, \$1,200 925-256-7828

1991 - Honda Accord Ex Wagon loaded, new timing belt, very good condition 173K mi \$4500 925-447-4406

1967 - 1967 Ford Mustang, Runs Good, CD, Straight 6. Red with vinyl black top. Body in excellent condition. Original/All repair receipts. \$6200 209-835-5031

1973 - Olds Toronado - One owner. Always garaged. 143K mi. Excellent condition - must see to believe. \$2950 925-447-9969

1996 - 1996 Honda Accord EX. Manual transmission. 100K miles. \$8500 OBO. 510-583-0170

1997 - Ford Explorer SUV, V8, AWD, Excellent condition, tires/brakes/shocks are fine, power everything, cruise, 6CD changer, privacy glass, \$9,500 925-831-9087

AUTOMOBILE ACCESSORIES

Trailer hitch. Fits 1985 Chevy El Camino. \$20.00 209-957-3289

TIRES and RIMS. 4 each, 4 lug-nut rims with 187/70R14 87T Federal Steel-belted Radials. Lots of rubber left. \$20 for the lot. 925-443-3252a

BICYCLES

Boys 20 in. Diamondback BMX bike. Like new. \$30/OBO 925-846-8394

Mtn. bike 18-speed located at B482. Brakes need adjusting. Best offer. 209-836-3041

Kona bicycle 10-speed. Free. Located at B381. 209-836-3041

NiteRider Digital Pro 12E bike light. Adjustable up to 32W w/ long run time. Charger, battery, manual, box, etc. \$180.00 925-455-6785

GT All Terrain 18 spd mountain/trail bike. Used very little. Womans, 19 in. frame. \$110 obo 925-443-8837

BOATS

2001 Mastercraft X10 21 ft. Wakeboard boat w/tower, triple KGB Ballast, Clarion CD, 315HP Inboard, 85Hrs, stored indoors, \$35,000 OBO. 925-516-4473

1999 Ski Sanger black scorpion edition, 340 hp, cd player, ski pole, bimini top, 2001 single axle trailer, all accessories, very clean \$17,000 obo 925-437-1602

1991 Ski Centurion - Works and runs great. Two year old interior, new carpet. 1000 Watt stereo system. \$7900.00 O.B.O. 209-481-3591

ELECTRONIC EQUIPMENT

TV, Curtis Mathes 19 inch, Sony 25 inch. 925-447-4521

HP storage oscilloscope. Old but works good. Includes documentation. \$300 925-455-9049

GIVEAWAY

350 ci engine from mid 90s 3/4 ton chev pickup. Approx. 60k miles. Cracked block - internal components and heads okay. 925-455-9049

HOUSEHOLD

Toy organizer, wood w/ 12 plastic bins, primary colors, \$35. Childs easel: blackboard, whiteboard, \$20. 925-294-9022

Entertainment center, walnut, suitable for TV. 21 inches deep, 32 inches tall, 68 inches long, with legs \$150.00 925-447-4521

Gas Dryer, only 4 years old, extra large capacity, new condition, Kenmore. \$150/BO. Also available matching Washer, needs repairs, free. 925-449-5543

Oak Computer Desk/Cart on casters. 38 inches wide w/pull out keyboard and printer shelves. Space for CPU. Paid \$175 - sell for \$100 925-447-8613

King size solid oak bedroom set, triple dresser, night stand, standing dresser & four poster bed. \$1200.00 OBO 925-634-8523

Glass top rattan table and 4 chairs, very classy, excellent condition, beautiful light/dark pattern. \$250.00 925-443-5324

kitchen table, round, 46 inches diameter. Redwood rim around black formica, pedestal. \$25. 925-449-7661

Queen size mattress with vinyl top: water and stain resistant! plus wooden boxspring \$20 925-449-3165

Murphy Bed in Oak Cabinet with mirror. Antique app. 1930 new mattress, cabinet and mir-

ror in great shape \$1975.00 916-783-4678

Antique Side Board, Early 1900s with claw feet, mirror, 3 drawers and 2 pushbutton doors. Excellent condition \$1550 209-239-2303

Girls bedroom set, white with gold trim, French Provincial style. Canopied bedstead, desk, dresser, with 2 canopies and bed skirts, \$375 takes all. 925-606-6071

Frigidaire Oven and Microwave Combo - purchased for remodel never been used. \$300 925-449-7263

1 yr old Kenmore washer and electric dryer. Large cap. \$350.00 will consider trade on stackable model 209-606-6445

LOST & FOUND

Found: Bicycling/exercise half-gloves, location: crosswalk lot C4 and West Inner Loop Road. Found on Tuesday, Oct.8 Call to claim 209-599-5056

Found-during LLNL open house in open house goodie bag- young girls shirt, sunglasses and hair barrett. 925-989-7415 925-989-7415

MISCELLANEOUS

7 inch reel to reel tape player, 30 TV vacuum tubes, Oak entertainment center, takes 27 inch TV. \$200.00 or OBO 925-447-4521

BBQ, Weber Go Anywhere, charcoal grill. Great for tailgates. Paid \$42 at BBQ Galore. New, still in box. \$30. 925-648-0671

Pat Metheny tickets. Great seats in lower orchestra! Nov 2, Zellerbach Hall UC Berkeley. Paid 144.00 Sell for 100.00 209-998-0372

2 ton engine hoist. Excellent condition \$125.00 925-455-9049

KD softside Pool 12ft round 4 ft deep. Pump, ladder. Easy setup and take down. Excellent condition, new \$1200 sell \$300 209-832-1737

GARAGE SALE, Saturday and Sunday (10/12 & 10/13), 8am-Noon, 1881 Sixth St. (corner of Sixth and South M) in Livermore. 925-455-4852

Framed Marie Pascal limited edition watercolors of Pleasanton Hotel (before remodel) and Pleasanton Mainstreet 19x15 \$50 each. 925-447-8613

Beautiful new imitation Autumn Haze mink jacket. Small. Very good looking. \$50.00 510-582-2938

Motorcycle helmets AGV 1 LG solid black (\$100) and 1 Med white (\$50). Cost hundreds new and worn very little, exc cond. some small scuffs. 408-281-2680

MOTORCYCLES

1982 - Honda GL1100 Interstate, black, excellent condition, many extras including trailer, cover, helmets, 24,700 mi, \$1950 OBO. 925-373-7654

1979 - Triumph 750 Bonneville. Rare Classic. Excellent original condition. 8950 miles Red/black. \$2700 obo 925-373-0483

1988 - Yamaha FZR600, Black Paint, very clean, 29K miles, Showa suspension, Yoshimura exhaust, have pictures, \$2600 obo. call after 5pm 209-470-1971

82 - Suzuki, GS650, 35K, \$600 OBO 925-449-3152

MUSIC INSTRUMENTS

KAWAI digital piano model pn300. Furniture style console st-880. Like new \$1000 510-537-2079

Antique accordion, w/case and strap \$200 obo. Gibson banjo RB4 w/case \$1600. 925-634-2701

Student violin. Full size, good condition. \$200. 925-373-7654

PETS & SUPPLIES

Young fancy mice. Great pets. Very cute and smart. Free. 510-889-9026

Free Kittens, to good homes, 7 weeks, box trained 209-836-9548

Sheep: Former 4-H/FFA breeding project. Ram, 2-4.5 yr ewes, 1-2.5 yr, 1-1.5 yr. Ewes with ram for Dec-Feb lambs. Consistent Group I lambs. B/O. 925-449-0865

Dachshund mini AKC w/ champ. lines. 8 wks old. 1 male, chocolate color. very cute \$400 CASH only. 925-776-5612

1 F/ Pit Bull pup, ready by 10/15. 3/4 red nose, 1/4 brindle. Will be VERY LARGE, 80-100lbs. A+ temperament. Child friendly. 150\$ 209-527-4990

BEAGELE - 8 Month old Pure Bred Female. Has all shots, great with kids. Needs bigger yard and more attention. \$200.00 925-634-0778

RECREATION EQUIPMENT

Beer making, 4 cases, one quart brown bottles, bottle capper, wine bottle corker, 2, five gallon carboys. best offer. 925-447-4521

Skis 153cm Rossignol XS jr. racing w/Marker M49, Rossignol CourseX boots 23.5 ~size 4 \$75. 130&110cm kids skis w/20.5&22.5 Nordica boots \$25 each set. 925-373-9584

Nordic Track Classic Pro Skier,

DOE

Continued from page 1

Joining Secretary Abraham at the celebration were the department's first Secretary, James R. Schlesinger (August 1977-August 1979); Secretary James B. Edwards (January 1981-November 1982); Secretary James D. Watkins (March 1989-January 1993); and Secretary Hazel R. O'Leary (January 1993-January 1997).

Schlesinger, in his keynote, recounted stories of the beginning days of DOE, from the selection of the Forrestal Building as the headquarters to the first pieces of legislation influenced by the new department. Edwards noted his transition from South Carolina governor to his time in the Reagan Administration. Watkins mentioned the importance of nuclear power both in our past and for the future. O'Leary praised the employees of DOE past and present.

Abraham delivered the anniversary address to the assembled dignitaries, employees and former officials.

"In 1977, the new Department of Energy brought together for the first time not only most of the government's energy programs, but also sci-



“*My congratulations and thanks to the many talented employees who have worked so hard for so many years on behalf of the American people.*”

Spencer Abraham, Oct. 1, 2002

ence and technology programs and defense responsibilities that included the design, construction and testing of nuclear weapons,” Abraham said. “During the next 25 years and beyond, the Department of Energy will be one of the most vital and exciting agencies in the federal government. I am genuinely thrilled for the future of this department.

“The mission we all share — enhancing America's energy and national security — is even more profound today than it was in October 1977. October 2002 finds us a nation at war. It finds us a nation facing serious energy challenges over the coming decades. But it is also a nation that finds in us a department dedicated to meeting the challenges of the future. We have a highly disciplined, highly dedicated workforce capable of meeting those challenges, and a president with great confidence in our ability to do so.”

Abraham also announced that Raymond F. Davis Jr., who was an employee at the Department's Brookhaven National Laboratory, was named by the Nobel Prize Committee to be a recipient of this year's prize for physics, specifically, for his pioneering work in the detection of solar neutrinos.

“This Nobel Prize is first and foremost a tribute to Dr. Davis. But it is also further testimony to the high quality of the scientific work that the department has underwritten throughout its history,” Abraham said.

The DOE opened for business on Oct. 1, 1977. In the 25 years since its inception, the department has enjoyed countless scientific achievements and technological successes, and has contributed to the U.S. national security.

Some of the key scientific breakthroughs in the department's national security and scientific initiatives over the past 25 years include DNA sequencing and computational technologies that made possible the historic unraveling of the human genetic code, our blueprint for life; new holographic computerized imaging technology that can rapidly identify hidden weapons, even non-metallic ones, through the clothing of airline passengers; microbes that eat waste and can be harnessed to clean up contaminated sites; securing the safety of nuclear materials within the former Soviet Union; and certifying that the nation's nuclear stockpile is safe, secure and reliable without testing.

wood skis - total body workout \$100.00 obo 209-832-1737

RV 99 Damon Intruder 36ft w/queen bed. Ford Chasis w/v10 motor. Low miles lots of amenities w/Transferable warranty. \$48k 209-239-2303

Wakeboard Package, Gregg Nelson Double-Up Board/2001 Hyperlite Highback Bindings \$275.00 209-551-3851

VersaClimber 108-H exercise machine w/ calculator. Excellent cond \$500 510-537-2079

Scuba equipment, regulator w/dive comp and octopus, BC and tank, all used once. best offer. 925-634-2701

Snow Boarding stuff For Sale; Santa Cruz board, Burton Boots & Bindings Step-in and strap type. All in good condion. Call for details 510-783-9923

Pool Table Lamp; Cut bronze glass and brass; 6 bulb. Original price \$600. Sell at \$250. Livermore. 925-449-7646

1976 Winnebago Motor Home, Class A, 21FT, Dodge 318, Headers, Onan Generator, Hitch, Dual Gas Tanks, Dual Batteries. Runs Great! \$5995 209-836-3062

Like new Taylor-Made Golf Bag suitable for hand or motor cart. Rotating interior. Less than half price at \$30. 925-447-8753

Nordic Track, Nordic Stationary Bicycle and Stationary Bicycle \$50-\$200. 925-833-6061

Nordic Trak w/ book holder \$300 or b/o, rowing machine \$50, stationary bike \$75. lv msg. 925-443-8789

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>.

Manteca - Working 9/80s? Need new carpool partners? So do we! Working 7-5. Pickup/drop off at home & office. Two more rider/drivers needed. 209-823-8309, ext. 2-8669

Montclair - New Montclair van forming to accommodate the 9/80 schedule. Leave Montclair at 7:00, depart LLNL at 5:30, if interested, call for details 510-834-7115, ext. 2-2257

Manteca/Lathrop - Great Carpool. Drive 1 day per week and 1 Friday per month. 8-4:30 209-823-5085, ext. 2-0643

North Berkeley - One rider / driver needed to complete 4 person carpool. Leaves North Berkeley 7 AM. Leaves LLNL 4:40 PM. 510-524-8332, ext. 2-5949

SERVICES

Tree Service: Trimming, thinning, stump grinding and removal. Free Estimates. 925-449-2087

Pet/House Sitter Available In Tri-Valley. Responsible, Trustworthy, Reasonable Rates. Please Call For More Information. 925-606-0693

SHARED HOUSING

Livermore - Wanted: part-time bedroom (4 days/wk) for commuter; near Lab; quiet neigh-

borhood (day sleeper). No kitchen/laundry/bath. 916-624-4395

Hayward - Furnished rm. in 4BD/2BA home, N/S, N/P, kitchen/laundry privileges. Near 880/92 Interchange, walk to Chabot College. \$500+deposit, utilities incl. 510-264-0189

Livermore - Room for rent, three minutes from Lab, \$500 plus util., new home, kitchen priv., non-smoker. 925-292-2332

Livermore - Furnished room for rent. Mature adult/long term preferred. Clean/quiet. \$550.00/mo. Share utilities. Deposit required. Available 11/9. 925-449-1128

TRUCKS & TRAILERS

2000 - Dodge Dakota SLT 4X4 Club Cab, White V8, AT, AC, PW, PW, PDL, Tilt, CC, CD, ABS, Tow, SRW, Spray-in Bdlr, KBB+20K, Sell=\$17K 209-835-1991

1979 - Toyota SR5 pickup, short bed, runs great. \$700 925-447-8777

1994 - Chevy Silverado 1/2 ton 4WD, loaded, ext. cab, new tires, Flowmaster exhaust, power rear slider, chromed rims, custom seats, 120K miles, \$9,000 OBO 209-833-3785

1995 - 34ft. Dutch Star w/slide Motorhome by Newmar Loaded, like new, 20,000 miles, Extended Warranty, asking \$51,000. 925-634-4959

1988 - 21ft Dolphin, class C, motor home. Toyota frame. Very good condition. 31,000

miles. Awning. \$7500 925-443-8449

1985 - White camper shell fiberglass fits longbed Chev. 1995 and older, with slider in front. Great shape 600.00 B. O. 209-239-2812

2001 - Dodge Ram SLT 1500 Quad Cab Short Bed, Black with Gray int. Power, CD, Bed Liner, Towing Pkg loaded! 39,000 miles Like New. \$17,800 209-538-2680

2000 - Keystone Springdale 27-foot 5th Wheel w/slide out, like new, self contained, used twice, sleeps 6 in comfort, GVWR 9,940lbs, \$13,500 209-835-8060

1978 - Chevy P.U. 400 Motor that needs work, Clean inside/out. \$5000.00 B/O, Call for more info. 209-523-8508

2001 - FORD F250 SD XLT CREW CAB White/Grey 4X2, V10, AT, 8800 GVWR Pkg, 172-in wb, Alum Whls, 4.30 LSaxle, 12K miles, loaded, etc., \$26,000 925-828-8737

1986 - southwind class a 27 foot motorhome 58000 miles rear bed shower bath generator awning 209-952-0255

VACATION RENTALS

One bedroom, one bath lake front trailer at Lake Berryessa. Trailer is fully furnished with new rattan furniture \$25K. 925-373-2882

MAUI-Kihei 1,2&3 bedroom condos. On beach, large pool, tennis courts, putting green, near golf course. Beautiful grounds, washer/dryer in units. 925-846-8405

Soda Springs/Donner Summit, Classic A frame, 2BR/1BA+Loft, sleeps 8, close to biking, hiking, everything. Fall rates \$200 wknd, \$500/week 209-836-3481

SOUTH LAKE TAHOE - 3 Bedroom 2bath Chalet, Newly remodeled. nicely furnished, close to all skiing, RESERVE NOW FOR HOLIDAYS/SKIING!! 209-599-4644

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

WANTED

Oleander Plants. 30-40 1 gallon plants. Assorted colors please. 209-599-5056

Need trundle bed that collapses to fit under day bed. Reasonably priced. 925-443-9727

Wet saw (diamond) for tile cutting. 925-443-8449

VHS taped copy of the first two new episodes of West Wing for the new season. Our college student missed seeing them. 925-961-0242

Wanted, motorcycle engine/transmission, riding lawnmower transmission for kids go cart project. 209-836-3481

Would like to talk to someone(s) about their experience with Dragon Naturally Speaking. Appreciated. 925-648-8008



THE BACK PAGE

WORKFORCE

Continued from page 1

will review strategies each directorate is pursuing to develop and maintain the capability to accomplish programmatic missions, and related workforce issues that impact the ability to deliver on those missions for the near and long term.

The Workforce Reviews are returning to the Lab after an almost decade-long absence. In addition to Anastasio's desire for reimplementation, the Employee Survey Action Teams suggested the reviews as a way of establishing management accountability.

"These reviews will point the way to opportunities for improvement," said Kathryn Craft Rogers, manager, Human Resources



Planning and Policy in the Administration and Human Resources Directorate. Rogers is helping to set up the guidelines for the review process.

As part of the process, each directorate will be asked to provide general workforce data and discuss a number of categories, including:

- Overall capability — Core skills needed to deliver missions, strategies used to develop and maintain capabilities required to achieve missions, roles of post-docs, students, flex terms and other employee categories.

- Diversity — Statistics on the representation of women and minorities in the direc-

torates, and actions being taken to achieve and manage a diverse workforce.

- Salary management — Ranking and salary practices and steps taken to ensure proper alignment.

- Succession and development — Opportunities for advancement, job training, leadership development, etc.

- Work environment — Employee morale, and any pressing issues in the directorate and the strategies to address them; status of the Ombuds Program, etc.

- Executive Session — Each AD will discuss current senior leadership and potential executive succession.

Laboratory Services will be the first directorate to conduct a review, on Oct. 18. Other reviews scheduled include Administration and Human Resources, Oct. 23; Computation; Oct. 29, Defense & Nuclear Technologies, Oct. 30; Energy & Environment, Nov. 1. Other directorates are still being scheduled.

CERT

Continued from page 1

Program has worked hard to partner with the Indian communities through CERT," Cochran said. "The Laboratory is proud of its relationship with CERT and its commitment to providing scholarships and technological support to American Indian tribes."

The ceremony, sponsored annually by CERT, is the largest American Indian education fund-raising event in the country, and has raised nearly \$5 million in its 21-year history.

Proceeds from the event benefit the CERT Comprehensive Education Program, which includes pre-college academic enrichment institute, scholarships and internships for

American Indian students.

Last year, Cochran and CERT Executive Director David Lester co-chaired the CERT energy conference and associated education fund-raising event, yielding approximately \$380,000. Karen Kiernan of the Lab's Public Affairs Office coordinated the event.

The Lab was the first DOE national laboratory to co-chair the Indian Energy event. Lawrence Livermore's American Indian Program (AIP) is a DOE initiative that provides national leadership, identifies resources, facilitates collaborations and launches technological initiatives as part of DOE's mission to support its American Indian Policy.

LLNL continues to provide opportunity for the growth and development of American Indian employees and students, particularly in the fields of science and engineering.

Over the years, the Laboratory has sponsored students at various technical conferences and brought American Indian officials to Livermore working toward collaborative efforts and technology transfer.

"These are just a few ways that LLNL has shown its commitment to Native Americans. By doing so, Lawrence Livermore National Laboratory is leading the way in showing the American spirit," said Steve Grey, who manages AIP for the Lab's Diversity Programs.

Also attending the dinner from the Lab were Kiernan; Tommy Smith, deputy AD for Strategic Initiatives and Diversity; Grey; Pat Clelland, acting manager for Compensation, Benefits and Worklife Programs, and Ralph Howard, acting group leader for Diversity Work Life Programs.

AWARD

Continued from page 1

shops and conferences on physics in Africa, and for advocating increased USA and international involvement with physics in Africa."

A researcher in V Division of the Physics and Advanced Technologies Directorate, Reed worked as a visiting scientist at universities in the West African countries of Senegal and Ghana during the summers of 1997 and 1999. That work was supported by a Visiting Scholar's Award from the International Center for Theoretical Physics in Trieste, Italy. He has also made scientific visits at universities in Botswana, Benin, Namibia and South Africa, and has organized international physics conferences in Africa.

The John Wheatley Award has been given to physicists for work in Latin America and Asia, but this is the first time it has been awarded for work in Africa.

"I am very happy to receive the award," Reed said. "I hope this will help bring more recognition and support to physics programs in Africa."

Reed said the dedication and resourcefulness of physicists working in Africa made a strong impression on him.

"Many of them are highly trained scientists, and I was struck by the way they manage to do research and train students in spite of very difficult circumstances and extremely limited resources," he said.

In 1998 Reed was appointed to the

American Physical Society's Committee on International Scientific Affairs. While serving on that committee he spearheaded an APS initiative to increase collaboration between American and African scientists. As part of the initiative, Reed brought physicists from Africa to universities and laboratories in the United States, including a visit to the Laboratory for two African physicists. He also engaged other scientific agencies such as the National Science Foundation, and international agencies such as the United Nations Scientific and Cultural Organization (UNESCO).

"Kennedy is very deserving of this award and it is long overdue," said Karl van Bibber, deputy director of the Laboratory Directed Research & Development Program.

The award will be presented in a special ceremony at the general meeting of the American Physical Society in Philadelphia in April 2003. As the award recipient, Reed will deliver an invited talk at that meeting.

In addition to his research in V Division, Reed is director of the Research Collaborations Program for Historically Black Colleges and Universities & Minority Institutions, which is within the Lab's University Relations Program.

The John Wheatley Award was established in 1991 with the support of the Forum on International Physics, a voluntary association of APS members who are particularly interested in the international aspects of physics. Prominent FIP activities include: the encouragement of cooperation activities between

APS members and members of other national physics organizations and its support for the development of physics worldwide.



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